

## ASSIGNMENT

**WHEREAS, I. Jian Hui Zhao** of North Brunswick, New Jersey hereafter called "Assignor", having invented certain new and useful improvements, as a consultant during sabbatical leave to United Silicon Carbide, Inc., disclosed in a patent application to the United States Patent and Trademark Office (USPTO) entitled **A Vertical Junction Field Effect Power Transistor**, Application No. 10/671,233, filed on 25 September, 2003.

**AND WHEREAS, United Silicon Carbide, Inc. of 100 Jersey Avenue, Building A, Box A10, New Brunswick, New Jersey**, hereafter called "Assignee", wants to acquire, according to the consulting agreement, the entire right, title, and interest in and to said improvements and application.

**NOW, THEREFORE**, for consideration in the amount of (10) U.S. dollars and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, and continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

**AND I HEREBY** covenant that I have full right to convey the entire interest herein assigned, and I have not excuted, and will not execute, any agreement in conflict herewith;

**AND I HEREBY** further covenant and agree that I will communicate to Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all provisional, non-provisional, divisional, continuation, continuation-in-part, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce patent protection for said improvements in all countries.

**IN TESTIMONY WHEREOF**, I hereunto set my hand this 5<sup>th</sup> day of March, 2005.

Jian Hui Zhao (Assignor)

STATE OF New Jersey )  
 ) SS  
COUNTY OF Middlesex )

On March 5, 2005, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared the Assignor, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment; and acknowledged that he executed the same.

Sin Y. Lam (Notary Public)

SIN Y. LAM  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 9/30/2009

Di Zhao